LMA District Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 0755 Randall

Spring (March - May) Summer ** (September - November) Winter (December - Formatting (September - November)								
* Overall LMA Rating (Fal	ll Only)							
	** Non-receipt of Su	ımmer or Winter Insp	ection Reports may effect	ct overall annual rating.				
	re rated using the same crite	ria in the spring and i	n the fall.					
FALL INSPECTIONS: The overall moverall moves within the atta	aintenance rating snown about the control inspection reports.							
Comments								

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Left	1.86

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/01/2014 - 04/01/2014			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start		Rating **	М	Issue No.		40	
LM End		Issue Type +	Ma	Location *	LS		
Category	Catagoni Earthen Levee			GPS La	atitud	le/Longitude	
Calegory	y			Start		End	
Item	Operations & Maintenance				0		0
пеш	Manuals				0		0
DWR ID	DWR_RD0	755_01_s _ 201	2_40				
Action/Comments							

No Photos

LM Start		Rating **	М	Issue No.		41	
LM End		Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS La	atitud	le/Longitude		
Calegory	itegory			Start		End	
Item	Emergency Supplies &				0		0
пеш	Equipmer	nt			0		0
DWR ID	DWR_RD0	755_01_s _ 201	2_41				
	Action/Comments						

No Photos

LM Start		Rating **	М	Issue No.		42	
LM End		Issue Type +	Ма	Location *		LS	
Category	Earthen L	GPS La	atitud	le/Longitude			
Calegory				Start		End	
Item	Flood Pre	paredness &		٥		0	
пеш					0		0
DWR ID	DWR_RD0	755_01_s _ 201	2_42				
	Action/Comments						

No Photos

* Location LS : Land Side WS: Water Side CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start	0.19	Rating **	U	Issue No.		9	
LM End	0.73	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee	GPS La	atitud	le/Longitude		
Calegory			Start		End		
Item	Vegetation			38.3466	88 °	38.345050 °	
пеш				-121.5388	14 °	-121.548325 °	
DWR ID	DWR_RD0	755_01_s _ 201	4_9				
Action/Comments							
Control annual grass and weeds on the levee slopes and easements.							



RD 755 Looking downstream from waterside shoulder levee mile 0.19.

Tall weeds to levee mile 0.19.

LM Start	0.23	Rating **	М	Issue No.	15		
LM End	1.67	Issue Type +	Ма	Location *	LS		
Category	evee	GPS La	atitud	le/Longitude			
Calegory		Start		End			
Item	Vegetation			38.3463	91 °	38.338604 °	
item				-121.5394	80 °	-121.562664 °	
DWR ID	DWR_RD0	755_01_f _ 201	3_15				
Action/Comments							
Control annual grass and weeds on the levee slopes and easements.							

Photo 1 of 1 : phillips_s_20140527_05946.jpg

RD 755 looking downstream from levee mile 0.23. Tall weeds on landside slope.

LM Start	0.28	Rating **	М	Issue No.		10	
LM End	0.53	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS La	titud	le/Longitude		
Category	Salegory			Start		End	
Item	Animal Control		38.34625	6 °	38.345665 °		
Item				-121.54030	08 °	-121.544790 °	
DWR ID	DWR_RD0	755_01_s _ 201	4_10				
Action/Comments							
Exterminate rodents and backfill and compact or grout burrows.							

No Photos

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start	0.37	Rating **	М	Issue No.		16	
LM End	0.37	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Trim / Thin Trees			38.345849 °		38.345849 °	
пеш				-121.54186	65 °	-121.541865 °	
DWR ID	DWR_RD0	755_01_f _ 201	3_16				
Action/Comments							
Trim trees to at least five feet above ground level.							

No Photos

LM Start	0.44	Rating **	М	Issue No.	6		
LM End	1.61	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Animal Co	ontrol		38.3456	16 °	38.339223	0
пеш		-121.5430	79 °	-121.561995	0		
DWR ID	DWR_RD0	755_01_f _ 201	2_6				
		Action/	Commo	nte			

Action/Comments

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: I saw active rodent holes along this stretch but did not see any rodents. 3-29-2013.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

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N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start	0.45	Rating **	М	Issue No.	1		
LM End	0.45	Issue Type +	En	Location *	LS		
Supplemental				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	DWR UC	IP Field Study		38.34564	°	38.345640	٥
item		-121.54327	7 °	-121.543277	0		
DWR ID	DWR_RD0	755_01_s _ 201	4_1				

Action/Comments

Inspector Comments: FS_ID:17123

EP_NO: 4302 Repair Type: Crossing Status:

FS Date: 8/6/2013

UCIP Comments: FBC about 2 feethower conduit also through the leeveVet ground on pump site/location. May need investigation about wet ground.

FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 2.0 feet below crown. Pump electrical box and control valve on waterward slope. Siphon breaker on landward slope. Service pole at landward toe. (App. No. 4302-Hemly).



WS view: overview of pump and pipe.

LM Start	0.45	Rating **	U	Issue No.		11
LM End	0.45	Issue Type +	Ма	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Erosion /	Bank Caving		38.34566	6°	38.345666 °
item				-121.54332	7 °	-121.543327 °
DWR ID	DWR_RD0	755_01_s _ 201	4_11			
		A .: /	_			

Action/Comments

Note and monitor erosion site.

Inspector Comments: Erosion at pipe located at LM 0.45 on the landside. The erosion is on the slope and at toe.



The erosion is located under the pipe.

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

		U	Issue No.	11 (cont)			
0.45	Issue Type +	Ма	Location *	LS			
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
em Erosion / Bank Caving			38.345666	°	38.345666 °		
			-121.54332	, °	-121.543327 °		
DWR ID DWR_RD0755_01_s _ 2014_11							
Action/Comments							
E	Earthen L	Earthen Levee Erosion / Bank Caving DWR_RD0755_01_s _ 201 Action/	Earthen Levee Erosion / Bank Caving DWR_RD0755_01_s _ 2014_11 Action/Commen	Earthen Levee GPS Lati Start Erosion / Bank Caving 38.345666 -121.543327 DWR_RD0755_01_s _ 2014_11 Action/Comments	Earthen Levee GPS Latitude Start Erosion / Bank Caving 38.345666 -121.543327 DWR_RD0755_01_s _ 2014_11 Action/Comments		

Note and monitor erosion site.

Inspector Comments: Erosion at pipe located at LM 0.45 on the landside. The erosion is on the slope and at toe.



The erosion extend down to the toe of the levee slope.

LM Start	0.55	Rating **	М	Issue No.		4	
LM End	1.78	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Animal Control			38.345637 °		38.337432 °	
itom				-121.545270 °		-121.564027 °	
DWR ID	DWR_RD0	755_01_s _ 201	2_4				
Action/Comments							
Exterminate rodents and backfill and compact or grout burrows.							

No Photos

LM Start	0.56	Rating **	U	Issue No.	18		
LM End	0.79	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End		
Item	Vegetatio	n		38.34559	3°	38.344711 °	
пеш				-121.54541	2 °	-121.549581 °	
DWR ID DWR_RD0755_01_f _ 2013_18							
	Action/Comments						
n 41							

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Remove the tall weeds from levee section.



RD 755 Looking back upstream from levee mile 0.79 landside. Tall weeds on the slope and toe of levee section.

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start	0.94	Rating **	М	Issue No.		2	
LM End	0.94	Issue Type +	En	Location *	LS		
Category			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	DWR UC	IP Field Study		38.34410	3°	38.344103	0
nem			-121.55211	9°	-121.552119	0	
DWR ID	DWR_RD0	755_01_s _ 201	4_2				

Action/Comments

Inspector Comments: FS_ID:17063

EP_NO: 11225 Repair Type: Crossing Status:

UCIP Comments: Abandoned pipe and pum Service pole, power box

lying on LS slope.

FIELD_STRUCT_DESC: Abandoned 10-inch pipe and 1-inch conduit through levee, 5.6 feet below crown, pump on pile structure with walkway to pump. Abandoned service pole on landward slope. (ABO No. 11225- Wilson Walk Manual Sac 111, May 1959, Revision Year 2011.

FS Date: 8/6/2013

slopes.



WS view: overview of pipe and pump structure.

Photo 1 of 1: phillips_s_20140527_05950.jpg

LM Start	1.03	Rating **	U	Issue No.		14	
LM End	1.40	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End		
Item	Vegetation			38.343731 °		38.341669 °	
пеш				-121.553597 °		-121.559644 °	
DWR ID	DWR_RD0	755_01_s _ 201	4_14				
Action/Comments							
Remove th	Remove the wild growth other than native grasses from the levee						



Tall weeds on waterside slope and toe.

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
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Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start	1.03	Rating **	U	Issue No.		24	
LM End	1.40	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Vegetation			38.34376	65 °	38.341670 °		
пеш				-121.55363	35 °	-121.559643 °	
DWR ID	DWR_RD0	755_01_s _ 201	4_24				
Action/Comments							
Control an	nual grass	and weeds o	n the lev	ee slopes a	nd e	easements.	



Looking downstream from the landside shoulder at wild weeds covering the slope and toe.

LM Start	1.04	Rating **	С	Issue No.	19	
LM End	1.14	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Category				Start		End
Vegetation			38.343694 °		38.343310 °	
item				-121.55375	52 °	-121.555517 °
DWR ID	DWR_RD0	755_01_f _ 201	3_19			
Action/Comments						
Control an	nual grass	and weeds o	n the lev	ee slopes a	nd e	easements.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
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Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start	1.06	Rating **	М	Issue No.		5	
LM End	1.06	Issue Type +	En	Location *	LS		
Supplemental Supplemental				GPS Latitude/Longitude			
Category				Start		End	
Item	DWR UC	IP Field Study		38.34362	5 °	38.343625	٥
пеш				-121.55414	5 °	-121.554145	٥
DWR ID	DWR_RD0	755_01_s _ 201	4_5				

Action/Comments

Inspector Comments: FS_ID:17064

EP_NO: N/A Repair Type: Crossing Status:

UCIP Comments: Needs properly abandoned.

FIELD_STRUCT_DESC: Abandoned 12-inch pipe through levee, 5.0 feet below crown. (Cat. IVA-Wilson). O&M Manual Sac 111, May 1959,

Revision Year 2011. FS Date: 8/6/2013



WS view: steel pipe with siphon breaker on levee slope

LM Start	1.14	Rating **	М	Issue No.	20	
LM End	1.22	Issue Type +	Ма	Location *	LS	
Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End
Vegetation			38.3433	10°	38.343018 °	
пеш				-121.5555	17 °	-121.556893 °
DWR ID	DWR ID DWR_RD0755_01_f _ 2013_20					
Action/Comments						

Remove the wild growth other than native grasses from the levee slopes.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

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N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start	1.14	Rating **	М	Issue No.		7	
LM End	1.14	Issue Type +	En	Location *	LS		
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UC	IP Field Study	,	38.343305	٥	38.343305	0
пеш			-121.555538	٥	-121.555538	0	
DWR ID	DWR_RD0	755_01_s _ 201	4_7				

Action/Comments

Inspector Comments: FS_ID:17144

EP_NO: 11219 Repair Type: Crossing Status:

UCIP Comments: - requires cleaning of siphon breaker box. FIELD_STRUCT_DESC: 8-inch pipe through levee, 5.7 feet below crown. Siphon breaker inside CM Pipe riser on landside shoulder.Power pole on landside. Pump and power box in pump house on waterward slope. (ABO No. 11219- Elliott). O&M Manual Sac 111, May 1959,

Revision Year 2011. FS Date: 8/6/2013



WS view: pump house on levee slope.

LM Start	1.21 Rating ** M		Issue No.		3	
LM End	1.34	Issue Type +	Ма	Location *	WS	
Category			GPS Latitude/Longitude			
Calegory				Start		End
Item	USACE E	rosion Survey	′	38.3430	71 °	38.342426 °
пеш				-121.5577	06 °	-121.559163 °
DWR ID						

Action/Comments

Inspector Comments: 2003 - Toe and lower slope eroding, rock in water and a few pieces on the slope; rock at upstream and downstream ends. 2005 - Looks a little worse. Two major holes with vertical banks and smaller intermittent pockets in between. Stone is present upstream, downstream, and at toe. 2008 - Repaired at both ends (50 ft of new stone) but middle remains unrepaired. 2011 - Site extended downstream to include new scour. 2013: At the downstream end, behind tree, there is a new animal burrow. Tree have exposed roots. [2013 Site ID: SAC_35-4_L]



USACE 2013 Photo #1

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

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Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start	1.40	Rating **	М	Issue No.		21	
LM End	1.75	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
				Start		End	
Item	Animal Control			38.3417	35 °	38.337614 °	
item				-121.55958	89 °	-121.563779 °	
DWR ID	DWR_RD0	755_01_f _ 201	3_21				
	Action/Comments						
Exterminat	te rodents	and backfill a	nd comp	act or grout	bur	rows.	

No Photos

LM Start	1.60	Rating **	М	Issue No.		22	
LM End	1.61	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitud				
Calegory				Start		End	
Item	Vegetatio	getation			46 °	38.339253	0
пеш				-121.5617	84 °	-121.561977	c
DWR ID	DWR_RD0	755_01_f _ 201	3_22				
Action/Comments							
Control an	Control annual grass and weeds on the levee slopes and easements.						

No Photos

LM Start	1.61	Rating **	М	Issue No.		23	
LM End	1.74	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			38.33924	1°	38.337905	0
пеш				-121.562006 °		-121.563460	0
DWR ID DWR_RD0755_01_f _ 2013_23							
Action/Comments							
Remove the wild growth other than native grasses from the levee slopes.							

No Photos

* Location LS : Land Side WS: Water Side CR : Crown

** Rating

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Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.86	04/01/2014 04/01/2014	Herman Phillips

LM Start	1.66	Rating **	М	Issue No.	8		
LM End	1.66	Issue Type +	En	Location *	WS		
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
DWR UCIP Field Study				38.3387	14 °	38.338714	0
пеш				-121.562560 °		-121.562560	0
DWR ID	DWR ID DWR_RD0755_01_s _ 2014_8						
Action/Comments							

Inspector Comments: FS_ID:17143

EP_NO: 11219 Repair Type: Crossing Status:

UCIP Comments: - Pump and walkway seem abandoned.Power line is not connected with pumpA pump house like structure found on

FIELD_STRUCT_DESC: 16-inch pipe through levee, 8.5 feet below crown. Pump on pile structure in stream. Walkway to pump. Siphon breaker and power pole on landward slope. (ABO No. 11219-Elliott). O&M Manual Sac 111, May 1959, Revision Year 2011.

FS Date: 8/6/2013



WS view: Overview of walkway, pump structure, and pipe.

LM Start	1.74	Rating **	М	Issue No.	13		
LM End	1.83	Issue Type +	En	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			38.33770)2 °	38.336855 °	
item				-121.56361	18 °	-121.564545 °	
DWR ID DWR_RD0755_01_s _ 2012_13							
Action/Comments							
Landscapi	ng						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

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U : Unacceptable

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Ma : Maintenance Deficiancy Ob : Design & System Obsolescence